

## WHAT IS CLAIMED IS:

1. An electrical connector having a housing comprising:

• a first housing element provided with at least a first connection portion that is either male or female;

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• a second housing element provided with at least one second connection portion that is either female or male, respectively, suitable for co-operating with the first connection portion;

10 at least one of the first and second connection portions including at least one elastically deformable tab made integrally with the corresponding connection portion in the thickness of a cylindrical of said connection portion, which wall defines a single cavity  
15 that presents, in cross-section, at least one side in the form of a straight line segment, the tab extending, in cross-section, along said side, wherein the tab presents, in cross-section, a width that is greater than half the length of said side.

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2. A connector according to claim 1, wherein the cylindrical wall presents, in cross-section, two sides forming substantially parallel straight line segments.

25 3. A connector according to claim 2, wherein the cylindrical wall presents a cross-section that is substantially rectangular.

4. A connector according to claim 1, wherein said at  
30 least one elastically deformable tab extends over a major fraction of the height of the connection portion.

5. A connector according to claim 1, wherein the elastically deformable tab presents a free end that is  
35 remote from the base of the corresponding connection portion.

6. A connector according to claim 1, wherein said at least one tab includes at least one portion in relief on a face that comes to bear against the other connection portion.

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7. A connector according to claim 6, in which said at least one tab has a top edge, wherein said at least one portion in relief is adjacent to said top edge or is situated in the proximity thereof.

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8. A connector according to claim 6, wherein the portion in relief is in the form of a rib extending transversely to the longitudinal direction of the tab.

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9. A connector according to claim 8, wherein the rib extends over the entire width of the tab.

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10. A connector according to claim 1, wherein one of the connection portions has two facing elastically deformable tabs.

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11. A connector according to claim 1, wherein each tab is substantially plane in shape, preferably being rectangular.

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12. A connector according to claim 1, wherein the elastically deformable tab presses against a wall of the other connection portion that is substantially plane.

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13. A connector according to claim 1, wherein at least one of the connection portions includes two adjacent cavities separated by an intermediate wall.

14. A connector according to claim 1, wherein the housing elements are made of an electrically conductive material so as to provide shielding for the housing.

15. A connector according to claim 14, wherein the housing elements are made of metal, in particular of aluminum.

- 5 16. A connector according to claim 1, wherein the cylindrical wall presents a thickness that is less than 1 cm.